

INTRODUCTION:

1.1. Overview:

Population is defined as the method of determining the expected population for a particular design period of a water supply system with the help of the study and analysis of future events and available records. Population growth is the increase in the number of humans on Earth. For most of human history our population size was relatively stable. But with innovation and industrialization, energy, food, water, and medical care became more available and reliable.

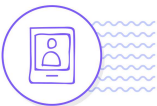
1.2. Purpose:

The planner must know what kind of people live in his planning area, what types of lives they lead, and would like to lead, how long they will live, and how long they will reside in the particular area; and who will replace them when they move out or die; how many children they will have (and would like to have under different conditions), whether these children will live in the area, and many other factors.

Problem Definition & Design Thinking:

2.1. Empathy Map:

Template




Empathy map

Use this framework to develop a deep, shared understanding and empathy for other people. An empathy map helps describe the aspects of a user's experience, needs and pain points, to quickly understand your users' experience and mindset.

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Global Community...

The global community is important because it brings together people from all over the world who share common values and beliefs.



Says

It's made up of people from all over the world who're connected by gender, interests such as technology, economics, global issues, and more.

Thinks

The development of global society is vast compared to the life of early man.

Population forecasting is a method to predict/forecast the future population of an area.

Forecasts try to estimate the rate of population growth, but this is understandably difficult to predict.

Global communities delivers essential solution to complex challenges from the intersection of humanitarian assistance, sustainable development and financial inclusion.

1. Increased productivity and efficiency enable tasks to be completed in less time.

2. The technology allows for multiple-fold increases in production.

1. The growth of global society has led to tremendous growth in the field of astronomy.

1. Advances in the field of medicine have led to the cure of many incurable diseases.

Does

Development of a global community should be harnessed to benefit people and other species.

Satellites are used to explore many parts of the Earth without visiting it in person.

1. Vital social connection and engagement.

2. Never being alone.

3. Assuring safety and well-being.

1. Increased supply of labor.

2. Increased productivity.

3. Increased consumption. Higher quality of living.

Feel

No matter how much the social development and technological development is high, the organisms are affected by some mistakes.

1. Global climate change.

2. More competition in workplaces.

3. worldwide economic and technological changes.


1. lack of food.

2. Advance in technology are making people lazy and shortening their life.

1. Increase cybercrimes.

2. Earth's natural resources are being depleted.


Tracing the growth of the global community; A population forecasting analysis.



Need some inspiration?

See a finished version of this template to kickstart your work.

[Open example](#)



2.2. Ideation & Brainstorming Map:

Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts when if you're not sitting in the same room.

- 1. Brainstorm to generate
- 2. Prioritize to condense
- 3. Develop to implement

1. Define your problem statement

What problem are you trying to solve through your solution and how might this statement look like? This will be the focus of your brainstorm.

2. Focus

PROBLEM

Population growth is different to predict because unforeseen events can alter birth rates, death rates, migration or the resource limits on population growth.

2. Brainstorm

Brainstorm ideas that come to mind. It's okay to have your problem statement.

3. Generate

Person 1	Person 2	Person 3	Person 4	Person 5
<p>Problem 1</p> <p>Economically backward people do not benefit from it properly.</p>	<p>Problem 2</p> <p>Climate change caused by population increase cannot be reversed by the global community.</p>	<p>Problem 3</p> <p>If there is a food shortage, we have to find a way to solve it completely.</p>	<p>Problem 4</p> <p>Population growth plays a major role in the spread of infectious disease like COVID-19.</p>	
<p>Problem 5</p> <p>Global population increase will have negative impact on the environment. Overcrowding will increase on biodiversity and habitat destruction.</p>	<p>Problem 6</p> <p>Global community has not been able to improve food security. Efforts to increase food security have been unsuccessful.</p>	<p>Problem 7</p> <p>Population growth and industrialization are leading a bad on Earth's natural resources.</p>	<p>Problem 8</p> <p>If the population continues to grow even the global community will not be able to reduce unemployment.</p>	
<p>Problem 9</p> <p>The biggest obstacle to sustainable development is population growth.</p>	<p>Problem 10</p> <p>The first duty of the global community is to meet the needs of all the people in the world.</p>	<p>Problem 11</p> <p>Population growth should be controlled to prevent any regular epidemics in the future.</p>	<p>Problem 12</p> <p>In India and other country, population growth is the cause of unemployment.</p>	
<p>Problem 13</p> <p>Climate change is a global issue that directly affects not only humans throughout the world but animals and the ecosystem itself.</p>	<p>Problem 14</p> <p>Population growth is different to predict because unforeseen events can alter birth rates, death rates, migration or the resource limits on population growth.</p>	<p>Problem 15</p> <p>Death rates can also increase unexpectedly due to diseases, wars, and other mass catastrophes.</p>	<p>Problem 16</p> <p>Forests are being destroyed by global community.</p>	
<p>Problem 17</p> <p>Global population increase will have negative impact on the environment. Overcrowding will increase on biodiversity and habitat destruction.</p>	<p>Problem 18</p> <p>Global community has not been able to improve food security. Efforts to increase food security have been unsuccessful.</p>	<p>Problem 19</p> <p>Population growth and industrialization are leading a bad on Earth's natural resources.</p>	<p>Problem 20</p> <p>If the population continues to grow even the global community will not be able to reduce unemployment.</p>	
<p>Problem 21</p> <p>The biggest obstacle to sustainable development is population growth.</p>	<p>Problem 22</p> <p>The first duty of the global community is to meet the needs of all the people in the world.</p>	<p>Problem 23</p> <p>Population growth should be controlled to prevent any regular epidemics in the future.</p>	<p>Problem 24</p> <p>In India and other country, population growth is the cause of unemployment.</p>	

3. Group ideas

Brainstorm ideas that come to mind. It's okay to have your problem statement.

4. Generate

Poverty reduction

Universal education

Better nutrition

Needs state support

Health care

Greater equality

Strong civil society institution.

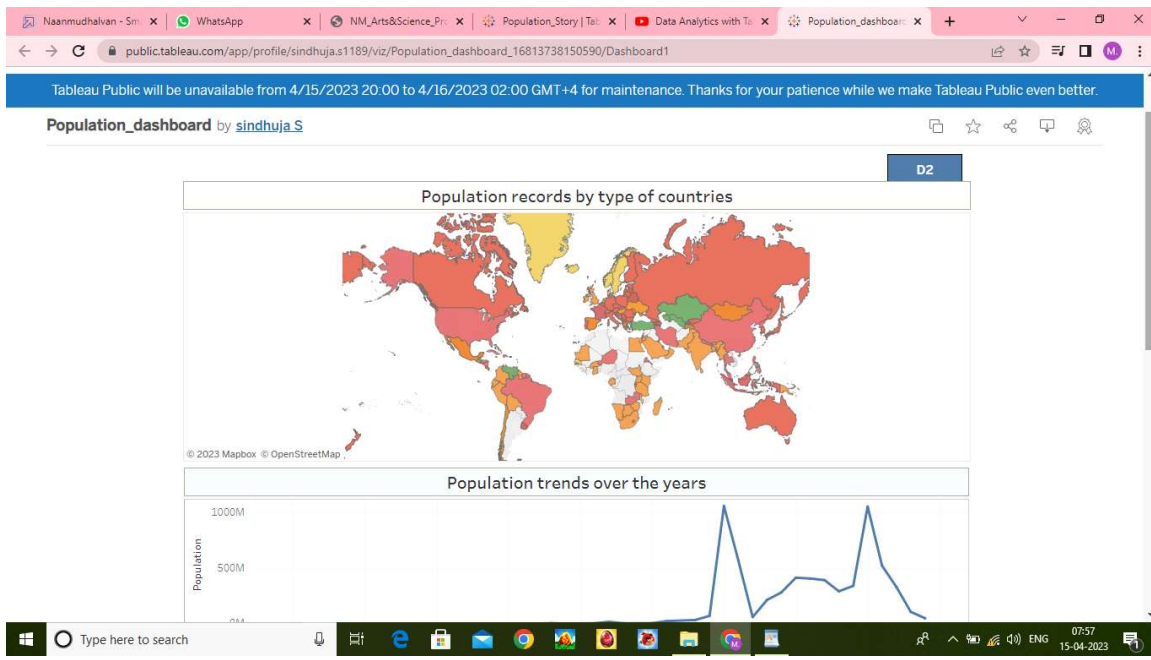
4. Prioritize

Brainstorm ideas that come to mind. It's okay to have your problem statement.

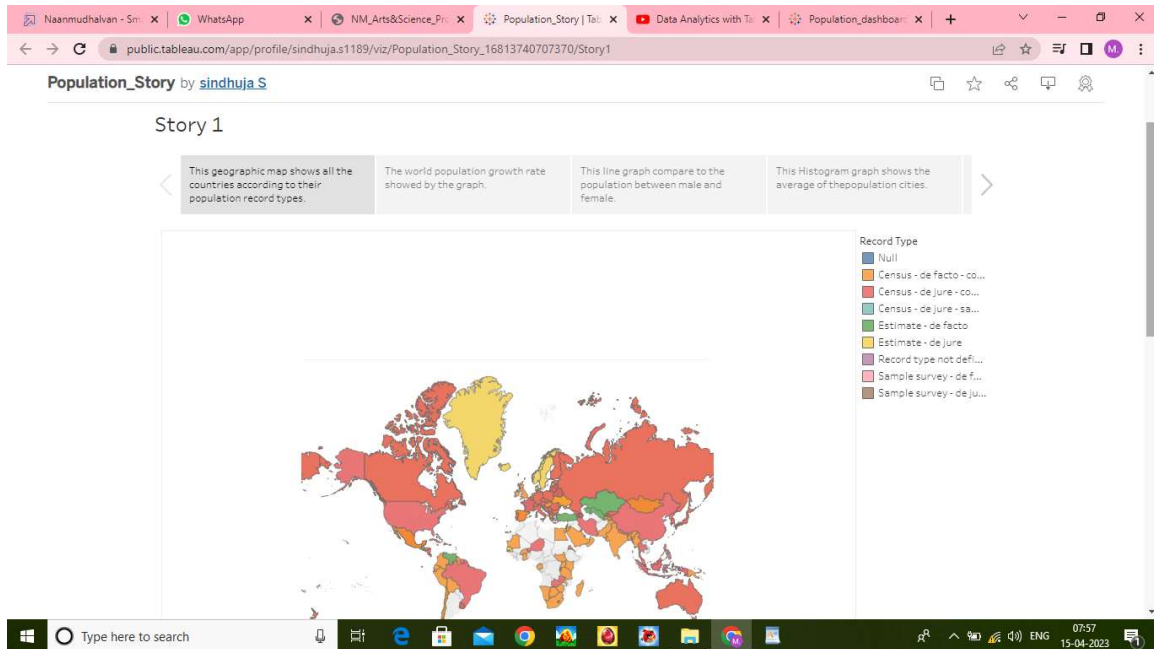
5. Generate

RESULT:

3.1. Dashboard:



3.2. Story:



Advantages & disadvantages:

4.1. Advantage:

- 1, Estimate the basic need for human, such as demand for food, water, power, transportations.
- 2, Plan constructions such as housing, highways.
- 3, Increased human capital, More scope for invention and creative genius, etc..

4.2. Disadvantage:

- 1, More waste creations, Over-use of non-renewable resources, Water shortages, Increased pressures on

natural environment, Increases pollution, etc..

2, Unchecked population growth without equal agricultural advancement to meet it leads to food shortages.

3, In the United States, the aging population, defined by people over the age of 65, is expected to comprise almost 20 percent of the population by 2030 -- an 80 percent increase from 2000.

4, Degradation of Environment, Conflict and war, Rise in Unemployment, High cost of living, pandemics and Epidemics, Malnutrition, Starvation and Famine, etc,.

Applications:

Through this project, People definitely need education to control population growth.

Conclusions:

It is clear from project which includes geographical graphs and line graphs that Population is growing very much in years like 2000 and 2014. And also The number of women is more than number of men.

Future scope:

* Global population growth is determined by the number of births and deaths. Improving health is increasing the size of the population as it is decreasing mortality.

* The countervailing trend is falling fertility rates - the trend of couples having fewer children is what brought

rapid population growth to an end in many countries already, and what will bring an end to rapid population growth globally.